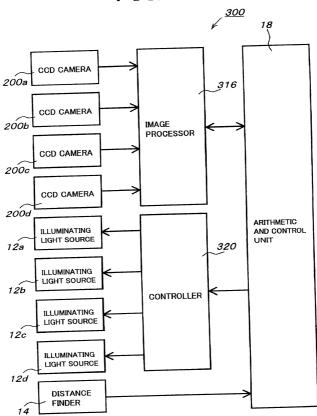


FIG. 9



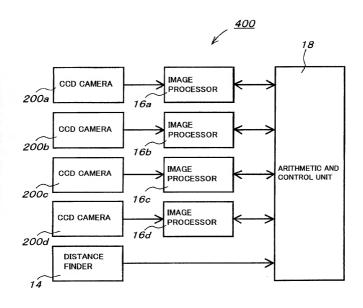
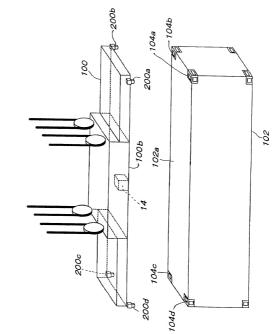
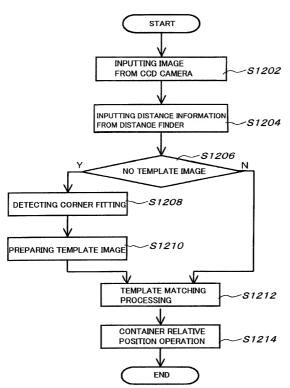
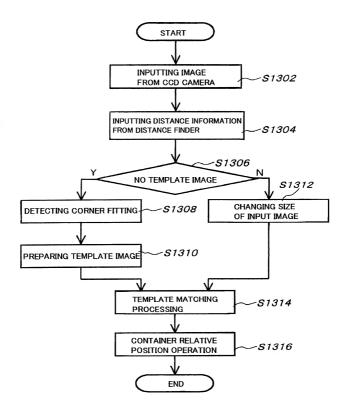
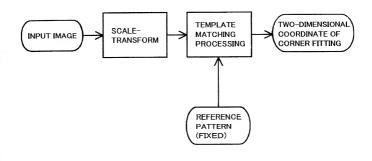


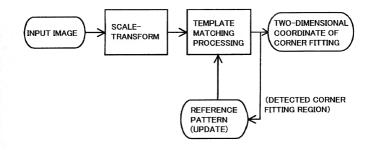
FIG. 11

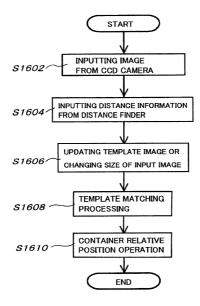


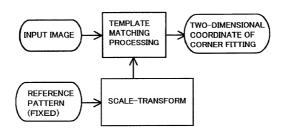


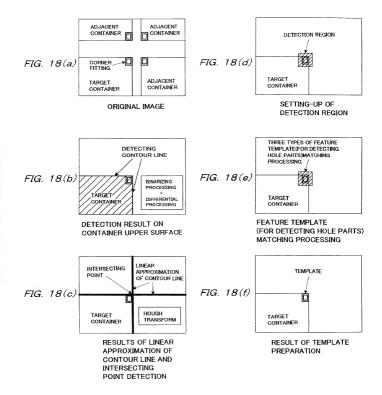


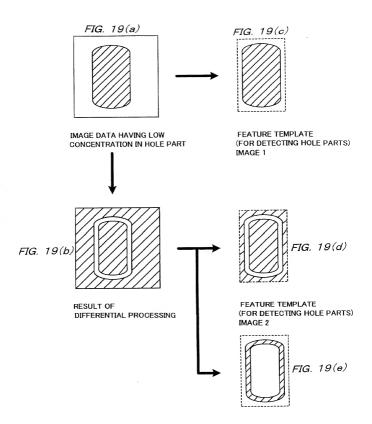




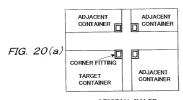




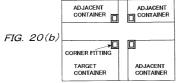




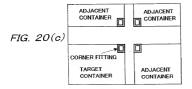
FEATURE TEMPLATE (FOR DETECTING HOLE PARTS) IMAGE 3



ORIGINAL IMAGE

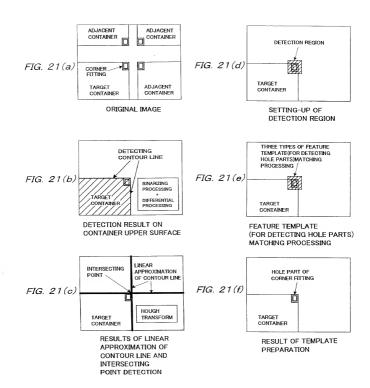


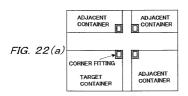
FEATURE TEMPLATE (FOR DETECTING HOLE PARTS) MATCHING PROCESSING



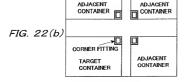
RESULT OF TEMPLATE PREPARATION

THREE TYPES OF FEATURE TEMPLATE (FOR DETECTING HOLE PARTS) MATCHING PROCESSING (WHOLE IMAGE DATA)

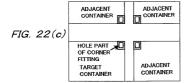




ORIGINAL IMAGE



FEATURE TEMPLATE (FOR DETECTING HOLE PARTS) MATCHING PROCESSING



RESULT OF TEMPLATE PREPARATION

THREE TYPES OF FEATURE TEMPLATE (FOR DETECTING HOLE PARTS) MATCHING PROCESSING (WHOLE IMAGE DATA)